

**Request to Archive
With The National Centers for Environmental Information
For Submerged Aquatic Vegetation of Coastal Alabama (MBNEP Survey 2015)
Provided by Dauphin Island Sea Lab (Alabama)**

2016-10-17

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Mimi Tzeng
Dauphin Island Sea Lab (Alabama)
data management specialist
mtzeng@disl.org

2. Name the organization or group responsible for creating the dataset.

Mobile Bay National Estuary Program (MBNEP)

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The Mobile Bay National Estuary Program (MBNEP) contracted Barry A. Vittor and Associates, Inc. to conduct digital aerial image surveys of submerged aquatic vegetation (SAV) in and around Mobile Bay, Alabama in 2015.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2015-05-01 to 2016-06-21

5. Edition or version number(s) of the dataset:

1

6. Approximate date when the dataset was or will be released to the public:

2016

7. Who are the expected users of the archived data? How will the archived data be used?

The intended use of this data set is to provide an assessment of the status and trends of the distribution of submerged aquatic vegetation along the Alabama Coast in 2015.

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

No

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

No related data are archived with NCEI yet, but there will be data from similar surveys done in 2002 and 2009 submitted soon.

10. List the input datasets and ancillary information used to produce the data.

Data were acquired through aerial photography with a digital mapping camera.

11. List web pages and other links that provide information on the data.

http://www.mobilebaynep.com/images/uploads/library/SAV_2015_Report.pdf

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. ISO 19115 metadata and ISO 19110 feature catalogue will be included in the submission.

13. Indicate the data file format(s).

1. GeoTIFF
2. PDF
3. shapefiles
4. MrSID

14. Are the data files compressed?

gzip

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

Files that include "summer" in the name are for imagery and polygon data from the period 2015-07-17 to 2015-08-26.

Files that include "fall" in the name are for imagery and polygon data from the period 2015-10-10 to 2015-10-15. Files that include "field points" in the name are field-collected data points from the period 2015-05-01 to 2016-06-21.

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

The PDFs show key areas of the imaged region with submerged aquatic vegetation (SAV) highlighted.

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 80GB

Number of Data Files: 67

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: Dauphin Island, Alabama

System Name: Dauphin Island Sea Lab

System Owner: Dauphin Island Sea Lab

Additional Information: DISL's IT Manager is Melissa Mills.

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL

2. FTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. User interface to order and stage data for download
2. Direct download links

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

Constraint Type	Description
Use	Acknowledgment of the Dauphin Island Sea Lab (DISL), Mobile National Estuary Program (MBNEP), Alabama DCNR State Lands Division - Coastal Section, and Barry A. Vittor and Associates, Inc. is required in products developed from these data, and such acknowledgment as is standard for citation and legal practices for data source is expected by users of these data. Users should be aware that comparison with other data sets for the same area from other time periods may be inaccurate due to inconsistencies resulting from changes in mapping conventions, data collection, and computer processes over time. The distributor shall not be liable for improper or incorrect use of these data, based on the description of appropriate/inappropriate uses described in the metadata document. These data are not legal documents and are not to be used as such.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

MBNEP and DISL would like to make the datasets as openly available for public use as possible.

24. Are the data archived at another facility or are there plans to do so? Please explain.

No

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

The Dauphin Island Sea Lab (DISL) regularly archives datasets generated at DISL with NCEI. Katharine Woodard suggested I send datasets of over 20 GB through ATRAC instead of Send2NCEI.

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

MBNEP provided funding for the project.

29. Is there a desired deadline for NCEI to archive and provide access to the data?

No deadlines for archive or access.

30. Add any other pertinent information for this request.

None